

Cincinnati Bell® ***connector***



September 2016

MONTHLY REPORT

THE GRAND OPENING EDITION

Grand Opening Plan (Sept. 9-11, 2016)



Southwest Ohio Regional Transit Authority
602 Main St., Suite 1100
Cincinnati, OH 45202

August 27, 2016
Rev. 1.1



REFERENCES

- For background information on the Cincinnati Streetcar, please go to <http://www.cincinnati-oh.gov/streetcar/>
- For previous months' reports or PowerPoint presentations to the Major Transportation & Regional Cooperation Council Committee, please go to <http://www.cincinnati-oh.gov/streetcar/documents-references/>



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ACRONYMS

CFD	Cincinnati Fire Department
CPD	Cincinnati Police Department
CBD	Central Business District
DBE	Disadvantaged Business Enterprises
FAI	First Article Inspection
FLSSC	Fire Life Safety and Security Committee
FTA	Federal Transit Administration
MOF	Maintenance And Operations Facility
MPD	Messer, Prus, Delta Rail Joint Venture
OCS	Overhead Contact System
ODOT	Ohio Department of Transportation
OUPS	Ohio Utility Protection Service
PMOC	Project Management Oversight Consultant (FTA's)
SORTA	Southwest Ohio Regional Transit Authority
SSCVR	Safety and Security Certification Verification Report

ACRONYMS

SSRC	Safety and Security Review Committee
TANK	Transit Authority of Northern Kentucky
TAA	Track Access Authorization
TPSS	Traction Power Substation
TVM	Ticket Vending Machine
VTICA	Voluntary Tax Incentive Contribution Agreement
WTM	Wheel Truing Machine

1.0. PROGRESS SUMMARY



The Grand Opening - September 9, 2016

1.0. PROGRESS SUMMARY

- The Grand Opening for revenue service happened both as scheduled (September 9, 2016 - 6 days prior to the deadline) & well within the capital budget in the set in the TIGER 3 Grant agreement.
- MPD met all of their contractual construction deadlines.
- CAF missed all of their contractual deadlines, but did achieve “**contractual delivery**” of all five streetcars in sufficient time to allow testing, driver training, and pre-revenue service prior to the Grand Opening.
- Last minor civil construction and vehicle punch list work underway.
- Turnover of assets to SORTA has taken place.
- Work continues to fine-tune supporting systems.
- Work continues on fine-tuning the VTICA and other operational funding processes and procedures

1.0. PROGRESS SUMMARY

GRAND OPENING



The Mayor & City Council Members celebrate the Grand Opening of the Cincinnati Bell Connector

1.0. PROGRESS SUMMARY GRAND OPENING



Carolyn Flowers, FTA Acting Administrator, speaking during the Grand Opening
September 2016 Monthly Report

1.0. PROGRESS SUMMARY GRAND OPENING



The Mayor and the City's First Lady join John Schneider at the speaker's podium to sign the ceremonial shovel from the project ground breaking

1.0. PROGRESS SUMMARY GRAND OPENING



The Mayor joins the former Mayor and Vice Mayor prior to the ceremonial “First Ride”

1.0. PROGRESS SUMMARY GRAND OPENING



Carolyn, Acting FTA Administrator, and Dwight Ferrell, SORTA General Manager, enjoy the ceremonial “First Ride”

1.0. PROGRESS SUMMARY GRAND OPENING



The City of Cincinnati Project Team joined by the TRANNsDEV Operations Manager

1.0. PROGRESS SUMMARY GRAND OPENING



Paul Grether, SORTA Rail Services Director coordinating the ceremonial “First Ride”

1.0. PROGRESS SUMMARY GRAND OPENING



Mike Wagner, CAF Project Manager for the vehicle assembly & delivery with Jason Shorten, MPD Project Executive for the construction contract

1.0. PROGRESS SUMMARY GRAND OPENING



TRANSDEV management team, SORTA's turnkey operating and maintenance contractor,
at the Grand Opening
September 2016 Monthly Report

1.0. PROGRESS SUMMARY GRAND OPENING



Two of TRANSDEV's operational employees assist in the Grand Opening

1.0. PROGRESS SUMMARY GRAND OPENING



CAF's in-town warranty service team at the Grand Opening

1.0. PROGRESS SUMMARY GRAND OPENING



Earl Clark, transit historian, enjoys the ceremonial “First Ride”

1.0. PROGRESS SUMMARY

GRAND OPENING



Streetcar Grand Opening Transit History display at the Public Library, Main Downtown Branch

1.0. PROGRESS SUMMARY

GRAND OPENING WEEKEND RIDERSHIP



Riders gather at the station stops for their Grand Opening weekend ride

1.0. PROGRESS SUMMARY

GRAND OPENING WEEKEND RIDERSHIP



Riders at Stop #1, are not deterred by a downpour in their wait for their ride on the streetcar



After the downpour, Transdev maintenance staff moping up the water tracked into the streetcar

1.0. PROGRESS SUMMARY

GRAND OPENING WEEKEND RIDERSHIP



Television cameras were everywhere interviewing patrons on the Grand Opening Weekend

1.1. PROGRESS SUMMARY

- MPD Construction Contract Milestone Dates:

Milestone	Original Contract Dates (Bid Docs)	Change Order #1	Change Order #5	
OTR Loop & MOF Substantial Completion	June 15, 2014			
3000 ft. Test Track & MOF Substantial Completion	July 15, 2014	March 1, 2015	March 21, 2015	✓
Substantial Completion of OTR Loop	March 1, 2015	June 29, 2015	July 19, 2015	✓
Substantial Completion of All Work	October 1, 2015	March 15, 2016	April 4, 2016	✓
Revenue Service	April 2, 2016	September 15, 2016	September 15, 2016	✓

All deadlines met ✓

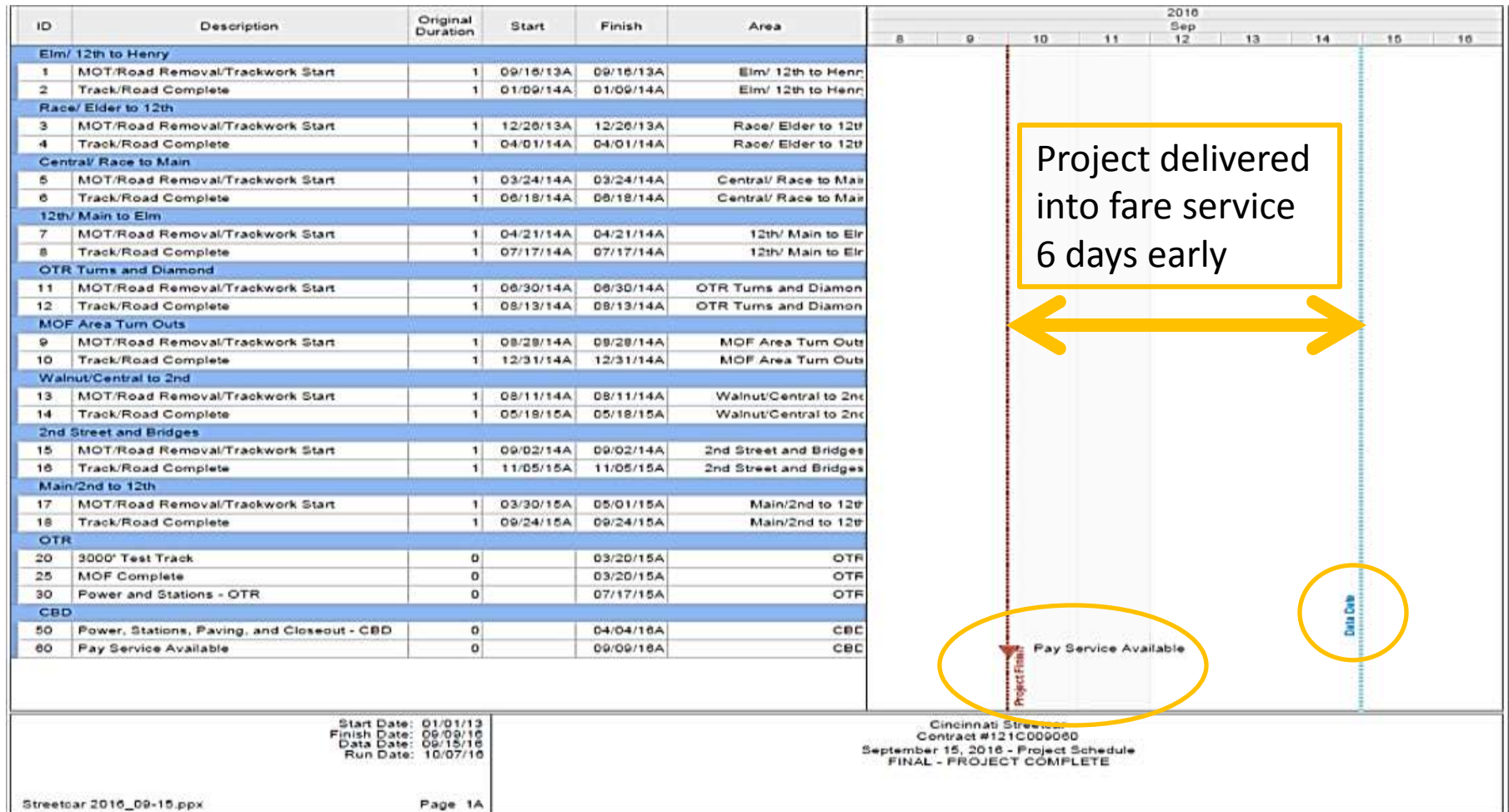
- CAF Contract Modification #2 (executed on August 1, 2014):

Milestone	Contractual Late Date	
Contractual Delivery of 1st Car	September 17, 2015	×
Contractual Delivery of 2nd Car	October 17, 2015	×
Contractual Delivery of 3rd Car	November 17, 2015	×
Contractual Delivery of 4th Car	November 17, 2015	×
Contractual Delivery of 5th Car	December 17, 2015	×

Deadlines missed ✗



2.1. SEPTEMBER 2016 CIVIL CONSTRUCTION SCHEDULE SUMMARY



2.1. CIVIL CONSTRUCTION STATUS

Track:

- Complete October 2015



OCS:

- Complete October 2015



Paving:

- Complete October 2015



Stops:

- Complete November 2015

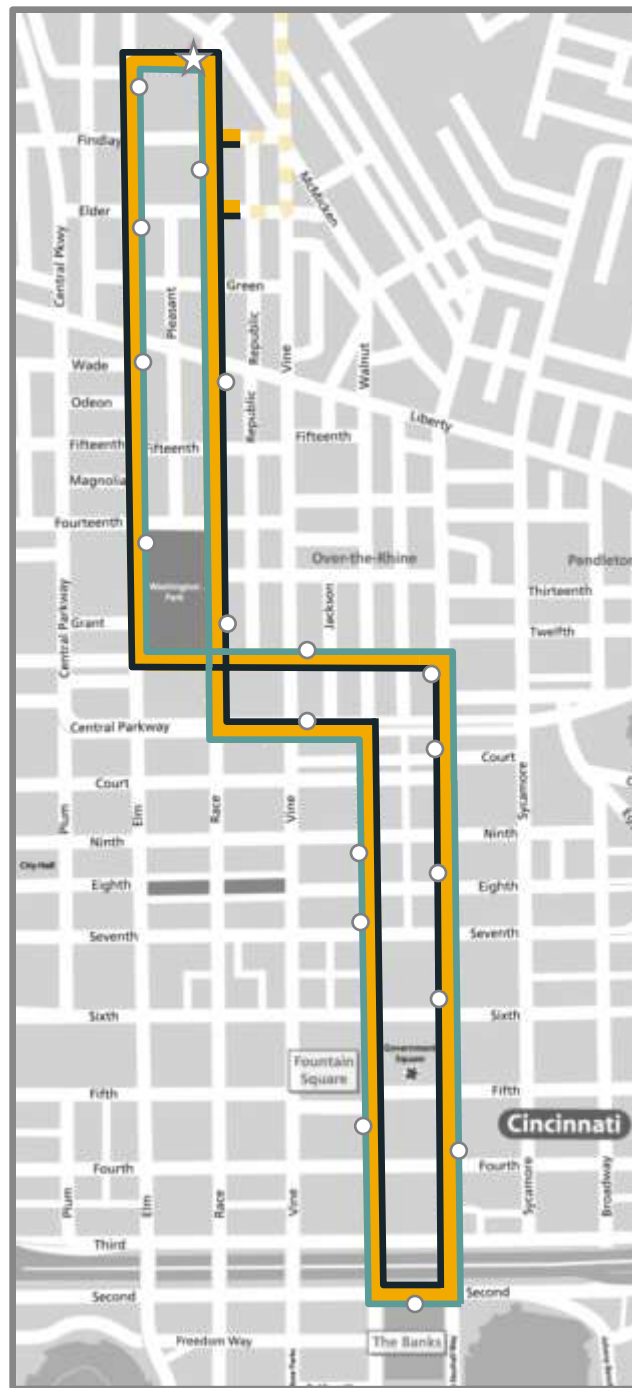


MOF:

- Substantially complete March 2015



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2.1. CIVIL CONSTRUCTION STATUS



MPD's electrical subcontractor completing punch list work on overhead signs

2.1. CIVIL CONSTRUCTION STATUS



A combined effort by Public Services and MPD defined the Fare enforcement zone on each station prior to the Grand Opening

Work has continued by both MPD and SORTA to improve reliability of the information on the Real-Time-Displays (Passenger Information Displays)

2.2. UTILITY WORK

Utility work, including street and sidewalk is in the contractual closeout phase:

- Duke Electric 100% complete
- Duke Gas 100% complete
- Cincinnati Bell 100% complete
- Water 100% complete
- Level 3 100% complete
- Chilled Water 100% complete
- Time Warner Cable 100% complete
- MSD (Sewer) 100% complete



2.3. COMMUNITY INVOLVEMENT & COMMUNICATION



Cincinnati Bell Connector

Grand Opening Weekend Special Edition!



Join us in celebrating the grand opening of the Cincinnati Bell Connector all weekend long!

The celebration starts at **10:30 a.m. on Friday, Sept. 9** at **Washington Park** with a

dedication ceremony followed by an inaugural first ride. The Cincinnati Bell Connector will open to the public at noon.

Here's everything you need to know to plan an exciting weekend on the CB Connector:

Plan your weekend:

- Check out the [list](#) of events, discounts and performances at each stop

- Watch the "How to ride" and safety videos to #BeStreetcarSafe [here](#)

To Ride:

- Hop on the CB Connector at any of the 18 stations along the route between The Banks, Downtown and OTR. View map [here](#)
- Board through center doors with wheelchairs, bikes, strollers, etc.
- Long lines? You can ride the Metro streetcar circulator **FREE** to get to the next stop

Fare:

- The CB Connector is **FREE** opening weekend thanks to our generous sponsors Believe in Cincinnati, CAF USA, Cincinnati Bell, Fred Craig, The Carol Ann & Ralph V. Haile Jr./US Bank Foundation and the Joseph Automotive Group
- After the weekend:
 - \$1 for 2-hour pass; \$2 for a day pass available at ticket machines at each station
 - Download the [Cincy EZRide](#) App to purchase passes on your smart phone

Hours:

Monday-Thursday: 6:30 a.m.-midnight

Friday: 6:30 a.m.-1 a.m.

Saturday: 8 a.m.-1 a.m.

Sunday & Holidays: 9 a.m.-11 p.m.

Schedule: runs every 12-15 minutes

"Connect" with us!

Share your experience riding on the Cincinnati Bell Connector using **#LetsRideCincy!**



/CBConnector



@cb_connector

What to See, Do and Taste

Riding the Cincinnati Bell Connector will be the highlight of the grand opening weekend, but there will be many other things to do from the riverfront, to downtown and OTR, including the following:

- **FREE rides on Carol Ann's Carousel** all weekend, thanks to the Haile Foundation & Cincinnati Park Board
- **ArtsWorks chalk art** and a self-guided ArtWorks mural tour near many stations
- **Cheese Festival** at Smale Riverfront Park, Cincy Beer Fest on Fountain Square, and Second Sunday on Main in OTR
- Buy one, get one free admission: **National Underground Railroad Freedom Center and Reds Hall of Fame Museum**

2.3. COMMUNITY INVOLVEMENT & COMMUNICATION

- **Mascots on Main** on Saturday from noon-4 p.m. at Main Street streetcar station
- **Public Library** exhibit and talks about streetcar history
- **Streetcar items for sale:** Graeter's streetcar sundae, taste of Belgium streetcar cookies, Rookwood Pottery streetcar coasters, Cincy Shirts



Got Your Founders' Card or Commemorative Token?

You ride free all weekend too!
Founders' Club Cards and

Commemorative Tokens will go into effect Sept. 12. There are still a few left for sale at the Metro sales office or [online](#).

Let's ALL ride!

We anticipate large crowds this grand opening weekend, to ensure that everyone gets a chance to ride you may be asked to get off the streetcar at **Stop 1 The Banks** or **Stop 8 Washington Park** during busy times.

For complete information about the Cincinnati Bell Connector, please visit www.cincinnati-bellconnector.com.

Stay in the Loop

Sharing this newsletter? Be sure you invite them to click the "Sign Up" button below!



Connect with us:



2.3. COMMUNITY INVOLVEMENT & COMMUNICATION

- SORTA is now tracking and scheduling all community presentations
- Continuing established involvement strategy:
 - SORTA sends out Email monthly Streetcar Newsletters transitioned to Metro
 - Media alerts for all closures or other work disrupting pedestrian or vehicular traffic in coordination with RoadmapCincy
 - Personal visits to businesses and groups now focus on streetcar safety and how to ride
 - Attendance at DCI/Police Sector Meetings
 - Streetcar website www.cincinnati-streetcar.com has transitioned to <http://www.cincinnati-bellconnector.com/>, now managed by SORTA. It still includes links to all media, press releases, City Council reports and documents and resources from the project history, but now has a greater operational focus.



2.3. COMMUNITY INVOLVEMENT & COMMUNICATION

- Internal City organizational development, familiarizing the departments and other service providers with Streetcar safety and operational characteristics, including how you work on a street with streetcar tracks
- Speaker's Bureau for groups that would like to hear about Cincinnati Streetcar
- Hamilton County Monthly Riverfront Joint Operations Task Force
- Social media (twitter @CB_Connector, City of Cincinnati Facebook page <https://www.facebook.com/CincinnatiStreetcarOFFICIAL>)
- Coordination with <http://www.roadmapcincy.com/> to push out information on streetcar related traffic matters



2.3. COMMUNITY INVOLVEMENT & COMMUNICATION

- Track Access Authorization (TAA) process being administered by SORTA/Transdev based on applications through CPD Special events or DOTE Public Space Permit Process. People needing information on how the process works should call Shawn Patton at the City DOTE Public Space Permit Desk, 352-5287
- Contractors, others working in ROW required to get a TAA authorization as part of their normal ROW permit from City DOTE
 - Allows streetcar operations to know who/what to expect in the street
 - Streetcar operations is then able to coordinate work with all agencies and contractors
- OSHA rules require workers to observe a 10 foot safety envelope around active OCS wire
- Transdev is engaged in safety training/certification to utility company workers



2.4. MPD BILLINGS – SEPTEMBER 2016 REPORT

Bid Form Section	Total	Prev. Incurred	Sept (Net Ret)
Behind the Curb Work	\$224,543	\$224,543	\$0
Central Parkway Median	\$123,756	\$123,756	\$0
Civil, Roadway and Drainage	\$9,272,031	\$9,268,069	\$3,962
Communication System	\$763,959	\$763,959	\$0
Corrosion Control	\$354,682	\$336,948	\$17,734
Misc. Items	\$5,054,838	\$5,024,032	\$30,806
MOF Civil and Track	\$3,243,718	\$3,243,718	\$0
MOF	\$8,744,536	\$8,744,536	\$0
OCS Mainline	\$5,497,379	\$5,497,379	\$0
Signal System Streetcar	\$669,588	\$669,588	\$0
Streetcar Stop Shelters and Sitework	\$2,188,745	\$2,186,485	\$2,260
Trackwork on Grade	\$12,889,768	\$12,889,768	\$0
Trackwork on Structures	\$2,987,606	\$2,987,606	\$0
Traction Power	\$6,323,126	\$6,322,455	\$671
Traffic Signals and Lighting	\$4,543,174	\$4,543,174	\$0
Water Main - Main Street	\$2,207,191	\$2,207,191	\$0
Water Main - Walnut Street	\$1,780,106	\$1,780,106	\$0
CO#1	\$492,933	\$447,368	\$45,565
CO#2	\$52,861	\$52,861	\$0
CO#3	\$1,211,750	\$1,211,750	\$0
CO#4	\$273,233	\$273,233	\$0
CO#5	\$637,108	\$637,108	\$0
CO#6	\$307,532	\$307,532	\$0
CO#7	\$65,168	\$65,168	\$0
CO#8	\$317,654	\$317,654	\$0
CO#9	\$176,923	\$176,923	\$0
CO#10	\$0	\$0	\$0
CO#11	\$4,433	\$4,433	
CO#12	\$8,070	\$8,070	\$0
CO#13	\$128,550	\$94,270	\$34,280
Totals:	\$70,544,962	\$70,409,684	\$135,278



3.0. VEHICLES



Streetcar and the shuttle bus stand ready at the Grand Opening

3.1. VEHICLES

- TRANSDEV and the CAF Warranty Team had all vehicles available on schedule for start of fare service on September 9, 2016.
- As of July 12, 2016, the City had conditionally accepted all vehicles.
- Spare parts delivery
 - CAF quality personnel, City Project Manager & Transdev are working to inspect and accept the considerable number of spare parts delivered to date
 - Additional spare parts are still yet to be received
 - Additional special tools are still yet to be received

4.0. BUDGET & EXPENDITURES

- Through September 30, 2016:
 - \$33,962,122.68 has been expended on the project (including Duke escrow)
 - Major Contract Activity:
 - 14 change orders to the MPD construction contract have been issued totaling \$2,626,531.56
 - Two change orders to the CAF vehicle contract have been issued totaling \$0
 - See Appendix A for breakout of Contingency Usage
- Remaining Contingency = \$2.9 M
- Does not include \$550,000 Fund 455 Contingency est. by Ord. 106-2016

4.0. BUDGET & EXPENDITURES

- Administration has continued discussions with FTA re: use of remaining contingency for items proposed for four areas:
 - Downtown Traffic Signal System Retiming - \$300,000
 - Startup Reimbursement - \$550,000
 - Capital Replacement Reserve - \$1.0 M
 - City capital equipment for streetcar - \$329,000
- Fund 455 Contingency remains untouched



4.1. BUDGET & EXPENDITURES

Budget Category	SOURCES	USES			
	Contingency Budget (Rev. 5, Oct 10, 2016)	Completed Contingency Uses	Pending Contingency Uses	Estimated Contingency Uses	Contingency Remaining
ALLOCATED CONTINGENCY					
Pre-Development	\$ -	\$ -			\$ -
Real Estate	\$ -	\$ -			\$ -
Construction					
MOF	\$ 2,000,000	\$ 1,998,794			\$ 1,206
Utilities (Project)					
Utilities (3rd Party)	\$ -				\$ -
Utilities (Duke Escrow)	\$ -				\$ -
Vehicles	\$ 2,101,722	\$ 1,276,828		\$ 400,000	\$ 424,895
Fare Vending	\$ -	\$ -			\$ -
City Project Administration	\$ 190,801	\$ -	\$ 190,801		\$ -
SORTA Project Administration	\$ -	\$ -			\$ -
Subtotal	\$ 4,292,523	\$ 3,275,622	\$ 190,801	\$ 400,000	\$ 426,101
UNALLOCATED CONTINGENCY (FEDERAL)					
Unallocated Contingency (FED)	\$ 8,328,155	\$ 1,641,516			
Utilities (3rd Party)					
Construction		\$ 1,998,326	\$ 253,549	\$ 863,500	\$ 2,259,213
City Project Administration			\$ 703,102		
Start-up (Capital)					
Design		\$ 608,948			
Subtotal	\$ 8,328,155	\$ 4,248,791	\$ 956,651	\$ 863,500	\$ 2,259,213
UNALLOCATED CONTINGENCY (LOCAL)					
Unallocated Contingency (LOCAL)	\$ 316,311	\$ 112,203		\$ 161,400	\$ 42,708
Subtotal	\$ 316,311	\$ 112,203	\$ -	\$ 161,400	\$ 42,708
Subtotal Original Contingency Sources	\$ 12,936,988	\$ 7,636,615	\$ 1,147,452	\$ 1,424,900	\$ 2,728,021
ADDITIONAL PROPOSED ITEMS [From UNALLOCATED CONT. (FEDERAL)]					
Downtown Signal System Retiming				\$ 300,000	
Startup Reimbursement				\$ 550,000	\$ (1,850,000)
Capital Reserve				\$ 1,000,000	
Subtotal	\$ -	\$ -	\$ -	\$ 1,850,000	\$ (1,850,000)
SubTotal Original Contingency Sources + Additional Proposed Items	\$ 12,936,988	\$ 7,636,615	\$ 1,147,452	\$ 3,274,900	\$ 878,021
FUND 455 OPERATIONS/CONSTRUCTION CONTINGENCY					
City Council Fund 455 Operations/Construction Contingency Fund (April 2016)	\$ 550,000				\$ 550,000
Subtotal	\$ 550,000	\$ -	\$ -	\$ -	\$ 550,000
Grand Total All Contingency Sources	\$ 13,170,678	\$ 7,636,615	\$ 1,147,452	\$ 3,274,900	\$ 1,385,313

4.2. RISK/CONTINGENCY ITEMS

- CONSTRUCTION
 - Traffic signal modifications underway to facilitate signal operation
 - MOF Modifications – align facility to operational needs
- VEHICLES
 - CAF delays will require additional engineering support from LTK
 - Spare parts & special tools delivery, training still required
 - Open items
- SAFETY & SECURITY CERTIFICATION/INTEGRATED TESTING
 - Issues identified during integrated testing, pre-revenue service and safety certification may require redesign or additional construction work intermingled with need to integrate requirements for ODOT SSO concurrence to begin revenue service and recently received guidance from PMOC in a short time frame.

4.3. CONTINGENCY USAGE

	SOURCES		USES		
Budget Category	Contingency Budget (Rev. 4, Jul 31, 2016)	Completed Contingency Uses	Pending Contingency Uses	Estimated Contingency Uses	Contingency Remaining
ALLOCATED CONTINGENCY					
Pre-Development	\$ -	\$ -			\$ -
Design (LOCAL)	\$ 202,371				\$ 202,371
Real Estate	\$ -	\$ -			\$ -
Construction					
MOF	\$ 2,000,000	\$ 1,998,794			\$ 1,206
Utilities (Project)					
Utilities (3rd Party)	\$ 77,207				\$ 77,207
Utilities (Duke Escrow)	\$ -				\$ -
Vehicles	\$ 2,101,722	\$ 1,276,828		\$ 400,000	\$ 424,895
Fare Vending	\$ 50,000	\$ -			\$ 50,000
City Project Administration	\$ 190,801	\$ -	\$ 190,801		\$ -
SORTA Project Administration	\$ 100,000	\$ -			\$ 100,000
Subtotal	\$ 4,722,101	\$ 3,275,622	\$ 190,801	\$ 400,000	\$ 855,679
UNALLOCATED CONTINGENCY (FEDERAL)					
Unallocated Contingency (FED)	\$ 8,021,392	\$ 1,641,516			
Utilities (3rd Party)					
Construction		\$ 1,998,326	\$ 253,549	\$ 863,500	\$ 1,952,450
City Project Administration			\$ 703,102		
Start-up (Capital)					
Design		\$ 608,948			
Subtotal	\$ 8,021,392	\$ 4,248,791	\$ 956,651	\$ 863,500	\$ 1,952,450
UNALLOCATED CONTINGENCY (LOCAL)					
Unallocated Contingency (LOCAL)	\$ 61,796	\$ 112,203		\$ 161,400	\$ (211,807)
Subtotal	\$ 61,796	\$ 112,203	\$ -	\$ 161,400	\$ (211,807)
Subtotal Original Contingency Sources	\$ 12,805,289	\$ 7,636,615	\$ 1,147,452	\$ 1,424,900	\$ 2,596,322
ADDITIONAL PROPOSED ITEMS [From UNALLOCATED CONT. (FEDERAL)]					
Downtown Signal System Retiming				\$ 300,000	
Startup Reimbursement				\$ 550,000	\$ (1,850,000)
Capital Reserve				\$ 1,000,000	
Subtotal	\$ -	\$ -	\$ -	\$ 1,850,000	\$ (1,850,000)
SubTotal Original Contingency Sources + Additional Proposed Items	\$ 12,805,289	\$ 7,636,615	\$ 1,147,452	\$ 3,274,900	\$ 746,322
FUND 455 OPERATIONS/CONSTRUCTION CONTINGENCY					
City Council Fund 455 Operations/Construction Contingency Fund (April 2016)	\$ 550,000				\$ 550,000
Subtotal	\$ 550,000	\$ -	\$ -	\$ -	\$ 550,000
Grand Total All Contingency Sources	\$ 13,293,493	\$ 7,636,615	\$ 1,147,452	\$ 3,274,900	\$ 1,296,322

4.4. GRANT DRAWDOWN SUMMARY

Through 9/30/16

Through:	9/30/2016										
SOURCE	GRANT NUMBER	ALI CODE	Description	FEDERAL SHARE				LOCAL SHARE			
				Authorized	Drawn	Pending	Amount Remaining	Authorized	Drawn	Pending	Amount Remaining
Urban Circulator	OH-03-0303	12.79.00	City Project Admin.	\$ 1,453	\$ 1,453		\$ -	\$ 365	\$ 365		\$ (0)
		12.79.00	SORTA Project Admin.	\$ 1,388,545	\$ 918,468		\$ 470,077	\$ 347,137	\$ 229,729		\$ 117,408
		12.23.03	Construction	\$ 12,598,000	\$ 12,598,000		\$ (0)	\$ 3,149,500	\$ 3,149,507		\$ (7)
		12.13.20	Vehicles	\$ 11,002,000	\$ 11,002,004		\$ (4)	\$ 4,000,000	\$ 3,693,665		\$ 306,335
Subtotal				\$ 24,989,998	\$ 24,519,925	\$ -	\$ 470,073	\$ 7,497,002	\$ 7,073,266	\$ -	\$ 423,736
CMAQ	OH 95-X054	12.23.03	Construction	\$ 4,000,000	\$ 4,000,000		\$ -	\$ 1,000,000	\$ 1,000,000		\$ -
Subtotal				\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
Rail ROW Grant	OH-90-X265	13.73.00	Contingency	\$ 268,278	\$ 268,278			\$ -	\$ -		
Subtotal				\$ 268,278	\$ 268,278	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIGER 3	OH 79-0002	12.79.00	City Project Admin.	\$ 154,545	\$ 154,545		\$ (0)	\$ 38,637	\$ 38,637		\$ (0)
		12.79.00	SORTA Project Admin	\$ 211,453	\$ 81,801		\$ 129,652	\$ 52,865	\$ 20,455		\$ 32,410
		12.23.03	Construction	\$ 15,554,000	\$ 15,554,000		\$ (0)	\$ 3,888,500	\$ 3,980,672		\$ (92,172)
Subtotal				\$ 15,919,998	\$ 15,790,347	\$ -	\$ 129,651	\$ 3,980,002	\$ 4,039,764	\$ -	\$ (59,762)
TOTAL				\$ 45,178,274	\$ 44,578,550	\$ -	\$ 599,724	\$ 12,477,004	\$ 12,113,030	\$ -	\$ 363,974

* Budget revision on 9/16/15 moved \$4.998 M from Urban Circulator ALI 12.13.20 to 12.23.03

** Drawn + Pending = 98.7% of Federal grant funds

5.0. JOB SITE SAFETY

Project Safety

Safety Oriented-To date: 906

Safety Oriented-September: 0

Safety Orientations-September: 0

Total man-hours worked to date: 290,278

Total man-hours worked without a lost time accident: 188,843

Lost Time Accidents-To date: 3

Lost Time Accidents-September: 0

6.0. SORTA ACTIVITIES



SORTA's Rail Services Director joins the Assistant City Manager in reporting on streetcar operations to Major Transportation and Regional Cooperation Committee

6.1. SORTA ACTIVITIES - REVENUE SERVICE

- On Friday September 9, 2016, following approximately five week of pre-revenue operations, the system was placed into revenue service. A ceremony was held at Washington Park featuring many speakers and a visit from Federal Officials including the Acting FTA Administrator Carolyn Flowers and FTA Regional Administrator for Region 5 Marisol Simon.
- Thanks to the generosity of many sponsors an arrangement was developed with the City of Cincinnati to operate free (no fare) for the introductory weekend September 9, 10 and 11.
- The SORTA Communications department partnered with many organizations and businesses for programming all weekend and developed collateral materials and maps which were distributed.



6.1. SORTA ACTIVITIES - REVENUE SERVICE

- Metro organized volunteers (both from Metro and the Community) to staff the stations for most of the weekend to provide crowd control and share information about the system.
- A parallel route 100 bus service was operated during Grand Opening Weekend. It provided alternate transportation for individuals around the route during periods of extremely high ridership on the streetcar. It also helped people during the two incidents during the weekend, a security threat and a sick passenger, both of which caused a pause in the streetcar service.
- Along with a sick passenger that needed to be taken off the streetcar and transported, another incident occurred late afternoon of Saturday September 10 with a security threat on the system. SORTA and Transdev staff reacted quickly and were able to secure the system. Following a sweep by the Cincinnati Police Department, the “all clear” was given and the system resumed service.



6.2. SORTA ACTIVITIES - RAIL ACTIVATION

- The Trapeze Transitmaster equipment on the vehicles has been commissioned and successfully tested. There were initial issues with the reporting of accurate ridership data from the automatic passenger counters (APC) units from the Trapeze system. Metro staff were able to extract enough of a valid sample of the ridership from vehicles and trips to create statistically valid ridership counts. The issues have been corrected and refinements continue to be made to the ridership reporting to simplify the process.
- Additionally changes have been made to the real time arrival signs at the stations to improve the reliability. SORTA is working with the City of Cincinnati to correct the design of the antennas of the sign to improve the ability of the sign to receive data from the Trapeze Transitmaster system.

6.2. SORTA ACTIVITIES - RAIL ACTIVATION

- The majority of the items identified in Amendment #7 have been purchased and almost all items have been delivered. These items include tools and equipment required for the start-up of the system.
- The first Cincinnati Bell Connector charter service was successfully operated on September 23, 2016, for All Aboard Ohio. Additional charter requests have been submitted for October and November.

6.3. SORTA ACTIVITIES - FARE EQUIPMENT

- All ticket Vending Machines (TVMs) have been placed into service. The TVM units have had a variety of teething problems including problems with credit cards readers being unreliable, slow transaction processing and validation errors. Additionally the process of purchasing the ticket and validating it has been confusing for many patrons. Metro staff has been working with GFI/SPX the vendor to correct many of the hardware and software problems and the TVM units have become significantly more reliable. Additional signage and a “how-to” video (YouTube) have been developed and additional public outreach continues.
- In conjunction with the City of Cincinnati, Metro staff have developed a new layout for the screens of the TVMs to expedite purchases. The new layout will also change all Cincinnati Bell Connector products to be dispensed as “pre-validated” to eliminate a step which causes delays at the machines.

6.3. SORTA ACTIVITIES - FARE EQUIPMENT

- Transdev's contractor Brinks has started their work to collect the revenue from the TVM units and transportation of the revenue to SORTA's banking location.
- All revenue accounting for the Cincinnati Bell Connector is kept in separate accounts from the regular Metro fare revenue. Metro will be working to implement the accounting systems to separate Metro Bus and Cincinnati Bell Connector revenues and make the necessary adjustments and allocations as require through the approved City Fiscal Year (CFY) 2017 Streetcar Operations and Maintenance Budget.
- Regular reporting on revenues will occur at the regular monthly updates to City Council Major Transportation and Regional Cooperation Committee and SORTA Board of Trustees Planning and Operations Committee.

6.4. SORTA ACTIVITIES OPERATIONS AND MAINTENANCE INTERGOVERNMENTAL AGREEMENT

- SORTA has continued discussions with the City of Cincinnati and DCI regarding the VTICA arrangement. There will be an amendment to the OMIGA as well as a separate recipient agreement between SORTA and Downtown Cincinnati Incorporated (DCI).

6.5. SORTA ACTIVITIES - STREETCAR VEHICLE

- Radio system modifications have been implemented to allow for the streetcar vehicles to use the radio channel as a “party line” type arrangement more typical of a rail operation. Additionally all vehicles have passed the commissioning tests for the on-board Transitmaster equipment.
- The City continues to work with the vendor and construction contractor to refine the Opticom transit signal actuation equipment. This system is experiencing teething issues related to the reliable actuation of the transit specific phases at two of the eight locations where these occur on the alignment.
- Spare parts and special tool deliveries continue from CAF USA.

6.5. SORTA ACTIVITIES - STREETCAR VEHICLE

- The Warranty team from CAF USA Rail Services is on-site and performing warranty repairs as issues come up.
- A propulsion fault on one of the vehicles delayed its entry into revenue service on September 9 but the issue was corrected and the vehicle entered service later in the day.

6.6. SORTA ACTIVITIES

STREETCAR SAFETY & SECURITY

- Following concurrence by ODOT on the Safety and Security self-certification by SORTA and the City of Cincinnati, the Safety and Security Review Committee (SSRC) scope of work has changed. The committee will now focus on closing open items that were addressed through work-arounds and on configuration management.
- The Fire Life Safety and Security Committee has ended its work, but annual safety and security training drills (live exercises) will still be held. Additionally tabletop exercises will be conducted on an as-needed basis.
- Training was held for the Metro Police Detail and the officers are patrolling the system. The officers are assisting with security on the platforms, the vehicles and at the MOF in addition to performing ticket inspections alongside Transdev staff.

6.7. SORTA ACTIVITIES ADVERTISING / SPONSORSHIPS

- Additional station advertising and naming rights signage are being installed and the SORTA contractor, Advertising Vehicles (AV) is working through the design review process for further additional work.

6.8. SORTA ACTIVITIES - RIDERSHIP

- SORTA normally presents monthly ridership, key performance data and revenues on a two month delay due to accounting processing time for all transit services. The Cincinnati Bell Connector, route 100 in the Metro system, will follow the same routine.
- As an example, the timeline for Cincinnati Bell Connector September statistics is
 - September – ridership and revenue collected
 - October – funds deposited, SORTA Accounting closes September, Fare Inspector samples tied to ridership data (including pass allocations), key performance indicators (KPIs) generated based on revenue, miles and hours
 - November – final reports issued to Board of Trustees and City Council Major Transportation and Regional Cooperation Committee

6.8. SORTA ACTIVITIES - RIDERSHIP

- The following represents preliminary ridership data for September 2016:

	Ridership	Ridership Budget	Variance	% Variance
Weekday	65,848	48,000	+17,848	+37%
Saturday	37,526	6,000	+31,526	+525%
Sunday	29,948	3,000	+26,948	+898%
Total	133,322	57,000	+76,322	+134%

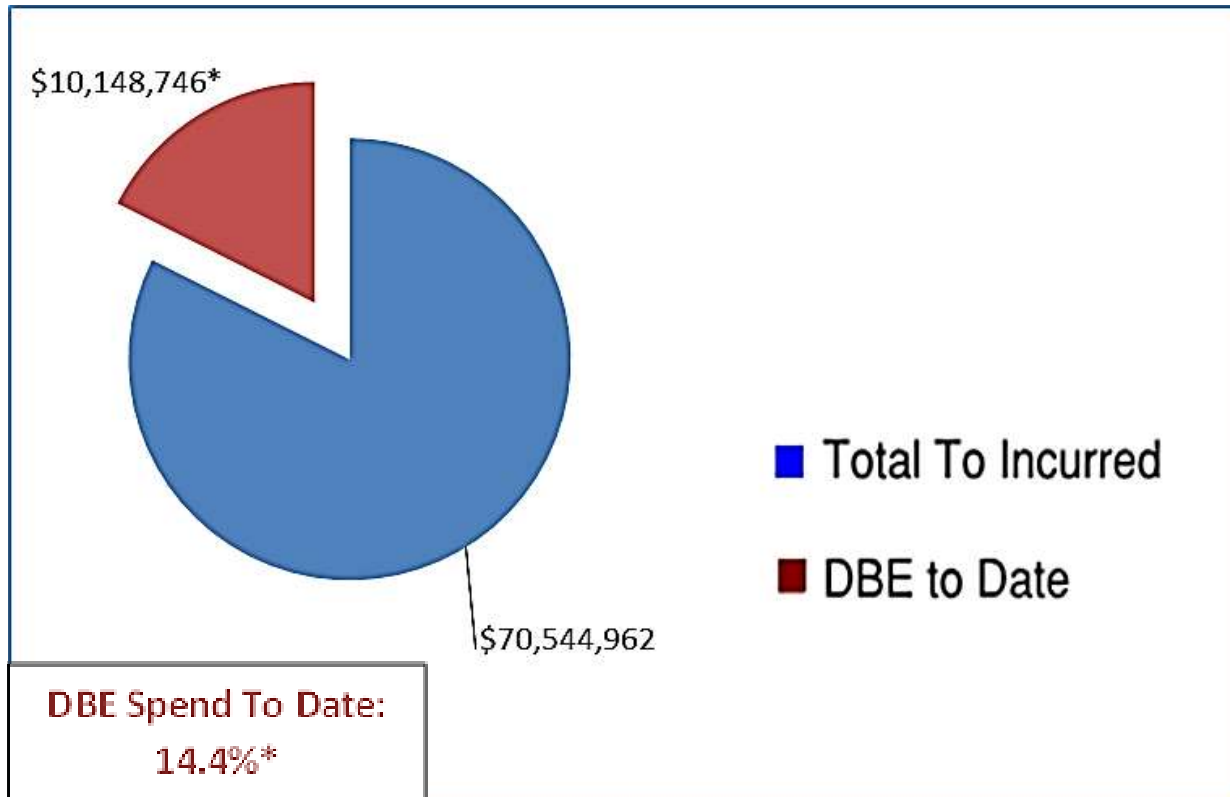
Note that this does not include charter service but does include supplemental service

6.9. SORTA ACTIVITIES

UPCOMING SORTA BOARD OF TRUSTEE ACTIONS

- Approval of contract between SORTA and Downtown Cincinnati Improvement District governing streetcar operations and maintenance funding from the Voluntary Tax Incentive Contribution Agreement (VTICA), including an associated amendment to the 2015 Cincinnati Streetcar Operations and Maintenance Inter-Governmental Agreement (OMIGA) between SORTA and the City of Cincinnati (delayed, now anticipated November 2015)

7.0. DBE & INCLUSION



7.0. DBE & INCLUSION

- As reported in previous months, SORTA received FTA guidance at the end of March 2016 that Bansal Construction had in fact graduated in one NAICS code that would represent a reduction of approximately 10% of the currently reported 16.9% DBE billings on the project.
- MPD has confirmed the dollar amount of DBE spend with Bansal for the NAICS code in question.
- SORTA is working with City in the process of updating their Federal Fiscal Year DBE reporting to FTA. Other action may be necessary by them.
- Final contract close-out documentation by MPD will provide to the City documentation of their best-efforts and final totals. That information will be sent on to SORTA.

7.0. DBE & INCLUSION

Workforce Inclusion Compliance September 2016

- City requirements under the contract establish workforce inclusion goals for MPD as well. The City requirements establish inclusion goals for the contractor's aggregate workforce in Hamilton County throughout the term of the contract. The chart below summarizes hours worked on the contract (Actual) as well as the countywide workforce inclusion goals.
- With the completion of construction and only minor punch list and testing support remaining, these totals are unlikely to change very much.

Minority & Female Utilization		
	<u>Actual</u>	<u>Goal</u>
Minority Hours	18.3%	11.9%
Female Hours	3.7%	6.9%
Minority Female	66.7%	50.0%

8.0 FEDERAL OVERSIGHT ACTIVITIES



The FTA Region 5 Staff discuss the project with the Project Design Office Manager (WSP-Parsons Brinkerhoff)

Cincinnati Bell
connector

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8.0 FEDERAL OVERSIGHT ACTIVITIES

- All activities undertaken by the project have to date met Federal Transit Administration rules and regulations.
- The City and SORTA each have responsibility for ensuring that the project adheres to FTA guidelines governing such areas as procurement, project management, financial management, operations and maintenance, Buy America, and safety and security certification.
- Project staff responded to various requests for information from FTA and the PMOC throughout the reporting period.
- The last Quarterly Review Meeting (QRM) took place in Cincinnati on June 2, 2016.
- The next Quarterly Review Meeting (QRM) will take place in Chicago on October 27, 2016.
- The last Monthly Meeting/Teleconference took place on August 11, 2016.

APPENDIX - CONTINGENCY REPORT

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	REASON	Status	AMOUNT (9/7/16)
1	Construction	Base	MPD	Change Order	1	8/2/2013	Labor, bonding, and materials costs associated with delay in contract NTP date.	DUE TO CITY COUNCIL DELAY IN CONTRACT AWARD	Complete	\$ 492,933.00
2	Construction	Unallocated Contingency	MPD	Change Order	2	1/14/2014	Delay costs appropriated by City Council for Council-mandated "pause"	DUE TO CITY COUNCIL MANDATED PAUSE DEC 2013	Complete	\$ 100,000.00
3	Construction	Unallocated Contingency	MPD	Change Order	3	1/28/2014	Adds for additional potholing and prevailing wage; credits for sewer manhole redesign and removal of communication conduits	field conditions, design modifications	Complete	\$ 359,745.00
4	Construction	Allocated Contingency	MPD	Contingency Allocation	1	11/8/2013	Empty conduit crossings; non-perform test station	field conditions, design modifications	Complete	\$ 15,791.64
5	Construction	Allocated Contingency	MPD	Contingency Allocation	2	11/8/2013	GCWW field conditions	field conditions, design modifications	Complete	\$ 3,571.00
6	Construction	Allocated Contingency	MPD	Contingency Allocation	3	12/30/2013	Mortar for granite pavers	field conditions, design modifications	Complete	\$ 6,825.00
7	Construction	Allocated Contingency	MPD	Contingency Allocation	4	12/30/2013	Additional abatement at MOF site	field conditions, design modifications	Complete	\$ 32,290.65
8	Construction	Allocated Contingency	MPD	Contingency Allocation	5	1/30/2014	Cast iron detectable warning; add. Geopiers; dielectric membrane; MOF conditions, others	field conditions, design modifications	Complete	\$ 31,309.00
9	Unallocated Contingency	Unallocated Contingency	Thalen	Certification	N/A	10/21/2013	Materials testing	additional consultant support	Complete	\$ 84,836.88
10	Unallocated Contingency	Unallocated Contingency	KPMG	Certification	N/A	12/11/2013	City Council-mandated audit costs	DUE TO CITY COUNCIL MANDATED PAUSE DEC 2013	Complete	\$ 250,000.00
11	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	N/A	8/30/2013	Schedule review support	additional consultant support	Complete	\$ 60,728.00
12	Construction	Unallocated Contingency	MPD	Change Order	4	4/7/2014	Revised underground conduit crossings; revised OCS poles; revised Trapeze allowance/MOF vehicle APS changes;	field conditions, design modifications	Complete	\$ 285,211.25
13	Construction	Unallocated Contingency	MPD	Change Order	5	4/21/2014	City Council-mandated Delay Claim	DUE TO CITY COUNCIL MANDATED PAUSE DEC 2013	Complete	\$ 637,108.00
14	Design	Unallocated Contingency	PB	Certification	N/A	8/25/2014	Additional construction support work needed	additional consultant support	Complete	\$ 608,943.31
15	Construction	Unallocated Contingency	MPD	Change Order	6	7/22/2014	Water Works design changes	design modifications	Complete	\$ 313,782.44
16	Construction	Allocated Contingency	MPD	Contingency Allocation	6	4/24/2014	Misc. MOF mods, telocomm conduit for MOF, GCWW force acct., Cant. Phwy. Irrigation	field conditions, design modifications	Complete	\$ 79,870.00
17	Construction	Allocated Contingency	MPD	Contingency Allocation	7	6/5/2014	WTM conduit; Findlay dielectric membrane; Elm St. mill	design modifications	Complete	\$ 52,503.00
18	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	N/A	7/23/2014	Task 4 - Schedule review support through MOF completion	additional consultant support	Complete	\$ 68,854.00
19	Unallocated Contingency	Unallocated Contingency	Duke Energy	Certification	N/A	7/31/2014	Electrical service installation costs	field conditions	Complete	\$ 100,000.00
20	Construction	Allocated Contingency	MPD	Contingency Allocation	8	7/31/2014	basement encroachment, collar door, GCWW force acct., manhole mods	field conditions, design modifications	Complete	\$ 130,151.00
21	Construction	Allocated Contingency	MPD	Contingency Allocation	9	10/6/2014	various MOF, sewer, GCWW, other revisions,	field conditions, design modifications	Complete	\$ 279,846.40
22	Construction	Allocated Contingency	MPD	Contingency Allocation	10	11/17/2014	Contingency Allocation #10	field conditions, design modifications	Complete	\$ 210,137.50
23	Unallocated Contingency	Unallocated Contingency	SORTA	IGA 5th Amend	N/A	11/17/2014	Wheel Truing Machine	design modifications	Complete	\$ 606,000.00
24	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Submitted ECI's from MPD	potential field conditions, design mods	Pending	\$ -
25	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Estimated ECI's from MPD	potential field conditions, design mods	Pending	\$ 15,000.00
26	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	TPSS# 2 and 3 screenwall changes	potential design mods	NA	
27	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Spare Switch Points	potential design mod/Capital Equipment Needs	Pending	\$ 50,000.00
28	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	MOF Cameras, TPSS Wiring	Safety & Security Needs	NA	
29	City Project Administration	Unallocated Contingency	City	Certification	N/A	TBD	City- Additional Staff Time	additional staff time	Pending	\$ 703,102.04
30	City Project Administration	Allocated Contingency	City	Certification	N/A	TBD	City- Additional Staff Time	additional staff time	Pending	\$ 190,800.63
31	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	MOF Telocomm wiring	design modifications	NA	
32	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Ford Force Account	field conditions	NA	
33	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Additional Staff Time #1	additional consultant support - RESULT OF COUNCIL MANDATED STOP WORK ORDER	Complete	\$ 977,100.75
34	Unallocated Contingency	Unallocated Contingency	Duke Energy	Certification	N/A	TBD	Duke utilities during construction/startup	utility hookups, energy costs during construction, testing	Complete	\$ 203,000.00
35	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Additional Quantities/Potential New Claims through Contract	Unforeseen Conditions, potential claims, quantity overruns	Estimated	\$ 525,000.00
36	Construction	Unallocated Contingency	TBD	Certification	N/A	TBD	Misc. MOF fit out needs, Safety Certification Workarounds	Truck, computers, office equipment etc. WTM Mods	Estimated	\$ 93,500.00
37	Construction	Unallocated Contingency	TBD	Certification	N/A	TBD	Bike Racks, pervious concrete	potential design modification	NA	
38	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	Task 5	2/12/2015	Schedule review support Task 5	additional consultant support	Complete	\$ 71,242.00

APPENDIX - CONTINGENCY REPORT CONTINUED

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	REASON	Status	AMOUNT (9/7/16)
39	Construction	Allocated Contingency	MPD	Contingency Allocation	11	1/16/2015	Partial depth repair, handrail on Race, misc. items	field conditions	Complete	\$ 56,592.02
40	Construction	Unallocated Contingency	MPD	Change Order	7	3/18/2015	Lifting Jacks settlement, Owner-supplied Equipment mod., TPSS negative drainage conduit	design mods., claim settlement	Complete	\$ 67,630.00
41	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	Station Stop mods for TVM installation	design modifications	NA	
42	Unallocated Contingency	Unallocated Contingency	TBD	TBD	TBD	TBD	12th & Race Overhead Light modification	resolve conflict due to moving OH poles	NA	
43	Construction	Unallocated Contingency	MPD	Change Order	8	3/20/2015	TPSS Screenwall changes	design modifications	Complete	\$ 19,973.66
44	Construction	Allocated Contingency	MPD	Contingency Allocation	12	3/20/2015	MOF prox readers, wayside power changes Ford FA, Type 3 waterproofing, other misc. field issues	field conditions, design modifications	Complete	\$ 267,924.00
45	Unallocated Contingency	Unallocated Contingency	Thalen	Certification	N/A	3/24/2015	Additional materials testing	additional estimated materials testing needs	Complete	\$ 19,518.50
46	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Central Parkway Walnut OCS conflicts	potential pole conflict with subway tunnels	NA	\$ -
47	Construction	Unallocated Contingency	MPD	Contingency Allocation	N/A	TBD	Traffic Boom Arm Bolt Pattern conflict	traffic boom arm bolt pattern conflict - design mod	NA	\$ -
48	Construction	Allocated Contingency	MPD	Contingency Allocation	13	5/12/2015	special concrete finishing on Main, wayfinding on 2nd, MOF tread ladder, Oil/Water separator, additional sewer manhole, ped pole mods, Ford FA through Jan 2015	field conditions, design mods	Complete	\$ 120,408.11
49	Construction	Allocated Contingency	MPD	Contingency Allocation	14	7/17/2015	capped manhole, utility conflict modification, subway OCS survey, Ford FA, various MOF design mods/fixes, shelter damage	field conditions, design mods	Complete	\$ 50,837.00
50	Unallocated Contingency	Unallocated Contingency	SORTA	SORTA IGA Amend #6	N/A	6/19/2015	MOF office equipment, Traps & Wireless LAN	MOF equipment needed	Complete	\$ 76,293.76
51	Fare Vending	Base	MPD	Change Order	10	8/11/2015	TVM Enclosures	TVM design changes	Complete	\$ 135,272.21
52	Construction	Unallocated Contingency	MPD	Change Order	9	10/15/2015	MOF & TPSS #1 SCADA internet wiring; MOF furniture; MOF WTM Mods; MOF cameras	field conditions, design mods	Complete	\$ 176,923.00
53	Construction	Allocated Contingency	MPD	Contingency Allocation	15	9/8/2015	TPSS #1 FIRE conduit, Pavers at TPSS #2, MOF pole mods, TPSS 1 electrical cabinet	field conditions, design mods	Complete	\$ 32,673.00
54	Construction	Allocated Contingency	MPD	Contingency Allocation	16	10/15/2015	Modify traffic booms in CBD (E-CI 221); MIB All Star Game costs (E-CI 222); Reset temp water valve (E-CI 245); Fill vault at 6th & Main (E-CI 249); Temp signals & signs (E-CI 244)	field conditions, design mods	Complete	\$ 54,341.00
55	Construction	Allocated Contingency	MPD	Contingency Allocation	17	11/23/2015	ECIs 160,193,201,205,209,226,227,248,268	field conditions, design mods	Complete	\$ 36,043.00
56	Construction	Unallocated Contingency	MPD	Change Order	11	1/7/2016	ECIs 39,188,212,215,233,234,237,238,242,250,254,259,260,262,269,270,271,273,276	field conditions, design mods	Complete	\$ 4,433.00
57	Construction	Allocated Contingency	MPD	Contingency Allocation	19	1/25/2016	ECIs 198,194,267,275,284,288,290	field conditions, design mods	Complete	\$ 33,195.00
58	Construction	Unallocated Contingency	MPD	Change Order	12	2/9/2016	ECIs 54,236,241,274	field conditions, design mods	Complete	\$ 8,070.00
59	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	Misc. Mods - ECI 295, 296, 298, 299, 300, 301, 302	field conditions, design mods	NA	
60	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	Secondary Signal Detection System (ECI 292)	potential need for secondary vehicle detection system at traffic signals	NA	
61	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	ECI 312 - Walnut Skywalk Bridge Protection	design mod/fix - skywalk OCS protection omitted from plans	NA	
62	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	ECI 307 - Henry St. Isolation	design change to improve OCS functionality into and out of MOF yard	NA	
63	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	ECI 311 - MOF Electric (208v), lighting mods	design change to improve MOF functionality	NA	
64	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	ECI 315 - Additional Striping for Transit Only Lanes	additional striping to improve traffic functionality	NA	
65	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	ECI 300 - Compressive Strength Pay Factor Claim - ODOT Spec 898	potential claim for ODOT 898 spec	NA	
66	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Amendment #2	additional vehicle engineering, inspection oversight needed due to CAF schedule delays	Complete	\$ 100,000.00
67	Design	Unallocated Contingency (LOCAL)	PB	Certification	N/A	TBD	Additional construction support work needed	additional ECI, submittal review by PB for remaining construction test reports, submittals	Complete	\$ 44,300.00
68	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Amendment #3	additional vehicle engineering, inspection oversight needed due to CAF schedule delays	Complete	\$ 100,000.00
69	Utilities	Allocated Contingency	TWC	Addition	N/A	TBD	TWC close out remainder	add to contingency based on TWC work coming in lower than expected	NA	
70	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - future amendments/additional time needed	additional vehicle engineering, inspection oversight needed due to CAF schedule delays	Estimated	\$ 300,000.00

APPENDIX – CONTINGENCY REPORT CONTINUED

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	REASON	Status	AMOUNT (9/7/16)
71	Construction	Allocated Contingency	MPD	Contingency Allocation	19	4/18/2016	ECIs 199, 252, 265, 266, 272, 278, 282, 296, 298, 302, 303, 304, 306, 307, 309	field conditions, design modifications	Complete	\$ 111,224.00
72	Construction	Allocated Contingency	MPD	Contingency Allocation	TBD	TBD	3rd & Main traffic signal changes	field conditions, traffic engineering changes	NA	
73	Construction	Allocated Contingency	MPD	Contingency Allocation	TBD	TBD	8th & Main curb ramp puddle	fix pre-existing condition - puddle at curb ramp	NA	
74	Construction	Allocated Contingency	MPD	Contingency Allocation	TBD	TBD	Court & Walnut curb ramp puddle	fix pre-existing condition - puddle at curb ramp	NA	
75	Construction	Allocated Contingency	MPD	Contingency Allocation	TBD	TBD	MOF marzanna angle adjustment - CHC	field conditions, design modifications due to vehicle, MOF integration	NA	
76	Startup	Unallocated Contingency	SORTA	ID Bill	N/A	TBD	Reimbursement to Fund 050 for SORTA/Trandev Startup costs	Per City Council operations funding ordinance, reimburse General Fund 050 from Construction project account for \$550,000 in SORTA/Trandev Startup costs	NA	
77	Construction	Allocated Contingency	MPD	Contingency Allocation	20	5/8/2016	ECI 181, 301, 308, 311, 312, 319, 321	field conditions, design modifications	Complete	\$ 42,186.00
78	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Amendment #4	additional vehicle engineering, inspection oversight needed due to CAF schedule delays	Complete	\$ 100,000.00
79	Unallocated Contingency	Unallocated Contingency	SORTA	IGA 7th Amend	N/A	TBD	SORTA IGAA Amendment #7 - Utilities	utilities during pre-revenue service	Complete	\$ 100,000.00
80	Construction	Allocated Contingency	MPD	Contingency Allocation	21	6/7/2016	ECI 279,291,298,313,314,315,320,322,325	field conditions, design modifications	Complete	\$ 55,506.00
81	Construction	Allocated Contingency	MPD	Contingency Allocation	22	6/23/2016	ECI 292, 297, 299, 310, 316, 324	field conditions, design modifications	Complete	\$ 255,018.00
82	Construction	Unallocated Contingency				TBD	2nd Street Lane striping, signage Elm to Main	ECI to come	NA	\$ 12,000.00
83	Construction	Unallocated Contingency				TBD	Lane Delineators for Streetcar lanes @ 2nd, Main, Walnut	ECI to come	NA	\$ 30,000.00
84	Construction	Unallocated Contingency				TBD	Restripe and re-sign 2nd St. & Ramp LL east of Main	ECI to come	NA	\$ 5,000.00
85	Construction	Unallocated Contingency				TBD	PNC Bank Garage "Straight Only" Arrow	ECI to come	NA	\$ 5,000.00
86	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	Streetcar moving alert signs - vehicular signs ("train moves on red")	ID bill	Estimated	\$ 45,000.00
87	Downtown Signal System Retiming	Unallocated Contingency		Additional Scope Requested by DOTE		TBD	Retiming of CBD signals - Central Parkway to 2nd, Central Avenue to Broadway		Estimated	\$ 300,000.00
88	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	Signage at unsignalized crosswalks - pedestrian signs	Printing bill	Pending	\$ 15,000.00
89	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	Henry St. signage/barrier		NA	\$ -
90	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	ECI 340 - SORTA paid-zone signage		NA	\$ 20,927.00
91	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	Remote SCADA Access		NA	\$ 50,000.00
92	Construction	Unallocated Contingency		Additional Scope Requested by SORTA		TBD	Additional street cameras at stops and MOF		Estimated	\$ 200,000.00
93	Additional Scope Requested by Public Services	Unallocated Contingency				TBD	Public Services - Personnel		NA	
94	Additional Scope Requested by Public Services	Unallocated Contingency (LOCAL)				TBD	Public Services - Equipment		Estimated	\$ 297,500.00
95	Additional Scope Requested by Parking Enforcement	Unallocated Contingency				TBD	Parking Enforcement - Personnel		NA	
96	Additional Scope Requested by Parking Enforcement	Unallocated Contingency (LOCAL)				TBD	Parking Enforcement - Equipment		Estimated	\$ 31,400.00
97	Capital Reserve	Unallocated Contingency				TBD	Capital fund		Estimated	\$ 1,000,000.00
98	Potential Use of CAF Liquidated Damages	Unallocated Contingency				TBD	Additional Spare Parts		Estimated	\$ -
99	Vehicles	Allocated Contingency				TBD	Opticom CAF change order		Estimated	\$ 100,000.00
100	Unallocated Contingency	Unallocated Contingency				TBD	Utility Monthly Bills		NA	
101	Construction	Unallocated Contingency				TBD	5th & Walnut curb ramp	Keep open until quantities closed - may or may not come back	Pending	\$ 10,000.00

APPENDIX – CONTINGENCY REPORT CONTINUED

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	REASON	Status	AMOUNT (9/7/16)
102	Construction	Unallocated Contingency				TBD	Court & Walnut curb ramp	Keep open until quantities closed- may or may not come back	Pending	\$ 10,000.00
103	Construction	Unallocated Contingency				TBD	Walnut & 8th illuminated sign	Keep open until quantities closed- may or may not come back	NA	\$ 5,000.00
104	Construction	Unallocated Contingency				TBD	tree trimming	Keep open until quantities closed- may or may not come back	NA	\$ 20,000.00
105	Construction	Unallocated Contingency				TBD	C3M PID wiring @ Central Pkwy. & Vine	Keep open until quantities closed- may or may not come back	Pending	\$ 5,000.00
106	Construction	Unallocated Contingency				TBD	ECI 329 - handrail @ stop #12		NA	\$ -
107	Construction	Unallocated Contingency				TBD	4 cover plates on tri poles		NA	\$ -
108	Construction	Unallocated Contingency				TBD	moving ped signal @ 3rd & walnut? SE corner	Keep open until quantities closed- may or may not come back	Pending	\$ 5,000.00
109	Construction	Unallocated Contingency				TBD	Bridge Assembly in CH MOF door	Keep open until quantities closed- may or may not come back	Pending	\$ 20,000.00
110	Construction	Unallocated Contingency				TBD	MOF Drop plate mods #1 (cut plates)	Keep open until quantities closed- may or may not come back	NA	\$ 10,000.00
111	Construction	Unallocated Contingency			25?	TBD	ECI 332 - Station Stop Repair and Cleaning		NA	
112	Additional Scope Requested by DOTE	Unallocated Contingency					Transit Coordinator Position (1/2 FTE)		NA	
113	Fare Vending	Base					Credit for Change Order #10 (TVM enclosures) - Decant to SORTA IGAA amend #6		Pending	\$ (135,272.21)
114	Startup Reimbursement	Unallocated Contingency					2nd half of \$1.1 Million Startup reimbursement		Estimated	\$ 550,000.00
115	Construction	Allocated Contingency		Contingency Allocation	23	7/22/2016	ECI 287 (bridge crane stops), 331 (paver offset with Item #1), 329 (Stop 12 handrail repair), Opticom change from CA 22 to CO	field conditions, design modifications	Complete	\$ (117,131.00)
116	Construction	Unallocated Contingency		Change Order			Change to Opticom from CA 22 to Change Order, Delete Contract Item #1 as part of ECI 331	field conditions, design modifications	NA	\$ -
117	Unallocated Contingency	Unallocated Contingency		Additional Cert			Additional closing costs in excess of BASE budget	Additional closing costs in excess of BASE budget	Complete	\$ 1,043.00
118	Construction	Unallocated Contingency					Program and replace 7 ASC3 controllers with 170 controllers at streetcar signals		Pending	\$ 20,000.00
119	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 343 - Station Stop Map Frames - Material only		NA	
120	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 326 - Landscaping Fences		NA	
121	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 334 - Additional Paving curb ramps		NA	\$ 9,909.00
122	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 330 - Modify Drop Plates		NA	
123	Construction	Unallocated Contingency		Change Order	13	7/26/2016	Added Opticom back, deleted sanitary quantities for no cost CO		Complete	\$ 0
124	Construction	Allocated Contingency		Contingency Allocation	24	8/2/2016	Quantity adjustments to previous CA items		Complete	\$ 37,954.65
125	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 283 - Flow or switch machines removal		NA	
126	Construction	Allocated Contingency		Contingency Allocation	N/A		ECI 340 Paid Fare Zone		NA	\$ 21,927.00
127	Unallocated Contingency	Unallocated Contingency		New Contract			Spare Parts, Training for Opticom Equipment		NA	\$ 13,069.98
128	Construction	Allocated Contingency		Contingency Allocation	25	9/9/2016	ECI 283, 326, 330, 332, 334, Map Frames		Complete	\$ 90,583.00